

Essex Industries Overview

Essex Industries

70+ years of innovative design, creative engineering and quality manufacturing for military and commercial applications.

- Established in 1947 in St. Louis
- 250,000+ products delivered and in-service
- On over 25 current aircraft Platforms
- Privately held, financially strong
- 400+ Employees
- 200,000 ft² of manufacturing space
 - Facilities in St. Louis, MO & Huntington Beach, CA



WIN TOGETHER



EMBRACE CHANGE



LISTEN TO OUR
CUSTOMERS



FIND A WAY



KEEP COMMITMENTS



FOSTER TRUST

Essex Core Product Segments



BUILD-TO-PRINT SERVICES




**LIQUID
OXYGEN
EQUIPMENT**



**PLATFORM CONTROLS &
AIRCRAFT COMPONENTS**

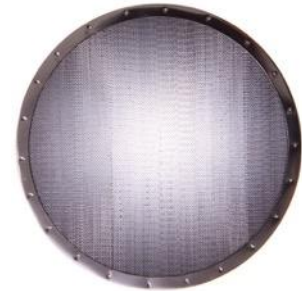


**GAS
REGULATORS**



EMERGENCY BREATHING

Platform Controls & Aircraft Components



Liquid Oxygen Equipment



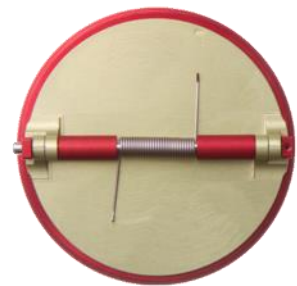
Emergency Breathing



Gas Regulators

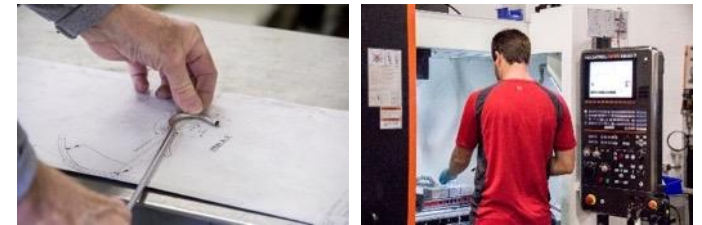
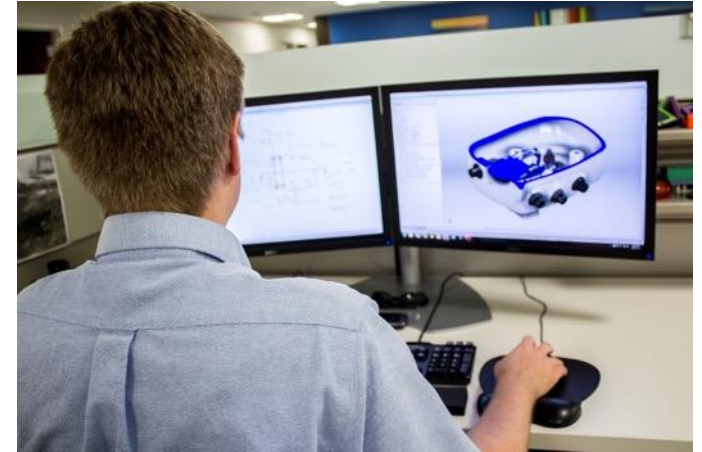


Build-to-Print

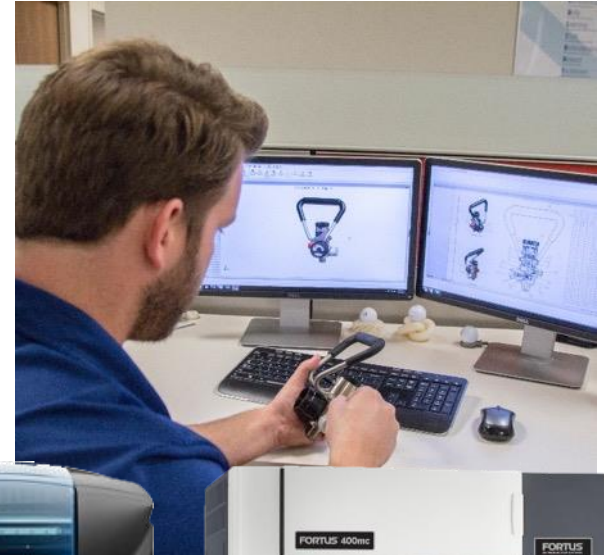


Build-to-Print Service Guarantee

- Managed & Executed with Programmatic Discipline based on defense industry standards
- Manufacturing Engineering Integrated
- Dedicated Continuous Improvement Team
- Program managers, procurement and technical staff review designs and documentation to ensure quality results via supplier management
- Fully meet customer's requirement for components, assemblies and systems with absolute compliance controls



Engineering & Design Capabilities



- Model Based Enterprise - MBE
- Rapid prototyping - 3D printing
- 35 Full-Time Engineers
- New product development
- Technology development
- Build to print services

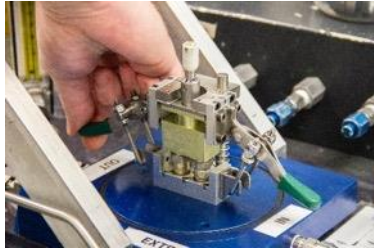


Manufacturing Capabilities

- CNC Machining Operations
- Metal Working and Treatment
- ASME, DOT and MIL-STD Welding
- Plating and Coatings
- Electrical Assemblies
- High-Volume Assembly Lines
- Custom Valve Manufacturing



Testing Capabilities



Altitude Testing	RTCA-DO-160G, MILSTD810G
Vibration Testing	MILSTD810G, RTCA-DO-160G, TSO-C76b
Thermal Testing (Temperature)	MIL-STD-810G, RTCA-DO-160G
Acceleration Testing	MIL-STD-810G
Bench Handling/Operational/Crash Safety Shock	MIL-STD-810G, RTCA-DO-160G
Contaminated Fuel	MIL-F-8615D
EMI/ESD/EMC/Lightning Protection	RTCA-DO-160G, MILSTD461G
Dust/Sand/Blowing Dust	RTCA-DO-160G, MIL-STD-810G, MIL-STD-810C
Waterproofness	RTCA-DO-160G
Salt Fog/Salt Spray	RTCA-C0-160G, MIL-STD-810C, RTCA DO-160 G
Fungus	MIL-STD-810G, RTCA DO-160G
Humidity	RTCA-C0-160G, RTCA-DO-160G, MIL-STD-810C
Explosive Atmosphere/Explosive Decompression	MIL-STD-810F, MIL-STD-810G
Flammability	RTCA-DO-160G
Icing	MIL-F-8615D, RTCA-DO-160G
Solar Radiation	MIL-STD-810G

Certifications

AS9100 Rev D

EASA Part 145

EN 1041

FAA TSO-C116

FAA TSO-C99

FDA CFR 21

FDA GMP

FM 580161

ISO 10297:2006 TUV

ISO 13485:2009

ISO 14971:2007

ISO 9001:2015

MDD 93/42 ECC

MDSS CE Mark

MIL-Q-9858

NADCAP AC7108 Anodizing

NADCAP AS7003 Chemical Processes

NADCAP AS7003 Non-Destructive Testing

NADCAP AS7003 Welding

CGA – Cylinder Valve/Medical Equipment/Medical Gas



International
Organization for
Standardization

Essex Industries

70+ years of innovative design, creative engineering and quality manufacturing for military and commercial applications.

- Established in 1947 and family run today
- 250,000+ products fielded on aircraft
- On over 20+ Platforms
- Privately held
- 400+ Employees
- 200,000 ft² of manufacturing space
 - Four facilities in St. Louis, MO
 - Two facilities in Huntington Beach, CA
- **(5) Lines of Business today and a market leader in each.**





To set up a meeting, please contact:

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[> essexindustries.com](http://essexindustries.com)